WEST Search History

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☐	L1	protein near (RAF or Ral or GDS or MEKK or P13K)	615
☐	L2	L1 near (bind or bound)	21
☐	L3	L2 near (nucleic acid or RNA or DNA or oligomer or aptamer)	0
☐	L4	L1 near (nucleic acid or RNA or DNA or oligomer or aptamer)	15
☐	L5	L4 sme (bind or bound)	0
☐	L6	(RAF or Ral or GDS or MEKK or P13K) near (bind$ or bound$)	187
☐	L7	L6 near (nucleic acid or RNA or DNA or aptamer or oligonucleotide or polynucleotide or oligomer)	3
☐	L8	(RAF or Ral or MEKK or P13K) near (bind$ or bound$)	122
☐	L9	L8 same (nucleic acid or RNA or DNA or aptamer or oligonucleotide or polynucleotide or oligomer)	23
☐	L10	(RAF-1 near (bind$ or anneal$ or hybridiz$ or bound$) near (nucleic acid or RNA))	2
☐	L11	(RAF-1 same (bind$ or anneal$ or hybridiz$ or bound$)same (nucleic acid or RNA))	26
☐	L12	(RAF-1 same (bind$ or anneal$ or hybridiz$ or bound$)same (nucleic acid or RNA or aptamer))	26
☐	L13	((nucleic acid or DNA or RNA or oligonucleotide or polynucleotide) near (protein or product) near RAS)	12
☐	L14	((nucleic acid or DNA or RNA or oligonucleotide or polynucleotide) near (bind$ or hybridiz$ or bound$ or anneal$))	70022
☐	L15	L14 near (Ras or RAs protein)	91
☐	L16	L15 near RNA	6
☐	L17	L15 near (Ras binding domain)	0
☐	L18	L15 and (ras Binding domain)	1
☐	L19	L14 same (Ras binding domain)	3
☐	L20	Yokoyama-S$.in. or Hirao-I$.in. or Sakamoto-K$.in.	14112
☐	L21	L20 and (ras binding domain or ras)	54
☐	L22	L21 and (RNA or nucleic acid)	8
☐	L23	L14 same ((ras near protein)or (ras binding near protein))	61
☐	L24	L14 near ((ras near protein)or (ras binding near protein))	1
☐	L25	4871838.pn.	2

☐	L26	Avruch-J$.in. and ras	17
☐	L27	L26 and (nucleic acid same raf)	4

END OF SEARCH HISTORY

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L2    ANSWER 1 OF 1  CAPLUS   COPYRIGHT 2004 ACS on STN
AN    1995:557711  CAPLUS
DN    122:305723
ED    Entered STN:  18 May 1995
TI    Screening method for identifying inhibitors of ras - protein
      partner interactions.
AU    Hudson, Kevin; Ellston, Jonathan M.
CS    Cancer Research Dept., Zeneca Pharmaceuticals, Alderley Park/Macclesfield,
      SK10 4TG 37134, UK
SO    Research Disclosure (1995), 371, 158 (No. 37134)
      CODEN: RSDSBB; ISSN: 0374-4353
DT    Journal; Patent
LA    English
CC    1-1 (Pharmacology)
      PATENT NO.          KIND   DATE      APPLICATION NO.          DATE
      ---------------     ----   -------   ----------------------   --------
PI    RD 371034                  19950310
PRAI  RD 1995-371034   19950310
AB    A ras/raf interaction assay is described in which the
      ras-binding domain of c-raf-1 is immobilized on the flash plate
      and then ras, pre-loaded with tritium-radiolabeled GTP, is
      added.  Binding of ras-GTP to immobilized raf juxtaposes the
      radiolabel to the scintillant, generating a signal (1500 cpm).  The signal
      is decreased to background (200 cpm) through: (i) loading ras
      with radiolabeled GDP instead of GTP, which gives non-active ras
      protein; (ii) addition of peptide inhibitors such as ras 17-44
      (IC50 = 20 µM); (iii) addition of novel  ras/raf inhibitors.  The
      same methodol. could be applied to establish assays involving other
      ras effectors.  The inhibition of signalling by oncogenic
      ras proteins is an attractive anticancer target.
ST    ras raf protein interaction assay
IT    Proteins, specific or class
      RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
         (Kirsten-ras, p21; screening method for identifying
         inhibitors of ras-raf protein partner interactions in
         relation to cancer inhibition)
IT    Neoplasm inhibitors
         (screening method for identifying inhibitors of ras-raf
         protein partner interactions in relation to cancer inhibition)
IT    Phosphoproteins
      RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
         (gene c-raf-1, screening method for identifying inhibitors of
         ras-raf protein partner interactions in relation to cancer
         inhibition)


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FILE CONTAINS CURRENT INFORMATION.
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